

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A program viewing unit, comprising:
a source of program data including content in scrambled format;
a conditional access unit that de-scrambles the content in the scrambled format to produce program data with such that the content is in a clear format; and
a switching unit, coupled to the ~~demodulator unit and the~~ conditional access unit, that enables simultaneous viewing of program data with the content in the clear format and recording of the program data of the content in the scrambled format, the switching unit routes the program data with the content in the scrambled format for storage and the program data with the content in the clear format for viewing in response to instructions from a central processing unit.
2. (Original) The program viewing unit of Claim 1, wherein the source is selected from the group consisting of demodulator, re-scrambler, conditional access unit, and package media-reader.
3. (Original) The program viewing unit of Claim 1, wherein the switching unit comprises a multiplexer.
4. (Currently Amended) The program viewing unit of Claim 1, wherein the switching unit routes the program data with the content in the scrambled format to the conditional access unit, the conditional access unit being implemented physically separate from the switching unit.
5. (Original) The program viewing unit of Claim 1, further comprising an encoding unit, coupled to the switching unit, that encodes the program data with the content in the clear format before transmitting the program data with the content in the clear format to a display unit.

6. (Original) The program viewing unit of Claim 1, further comprising an encoding unit, coupled to the switching unit, that transmits the program data with the content in the scrambled format to a recording device.

7. The program viewing unit of Claim 1, further comprising a de-multiplexing unit, coupled to the switching unit, that transmits the program data with the content in the clear format to a viewing unit.

8. (Original) The program viewing unit of Claim 7, wherein the program data in clear format is first encoded prior to transmittal to the viewing unit.

9. (Original) The program viewing unit of Claim 8, wherein the encoding is selected from the group consisting of Digital Transmission Copy Protection (DTCP), watermark, and High Bandwidth Digital Copy Protection (HDCP).

10-19. (Cancelled).

20. (Currently Amended) A program viewing unit, comprising:
a central processing unit (CPU);
a demodulator unit;
a conditional access unit;
a de-multiplexer unit;
an encoding unit; and
a switching unit, coupled to the CPU, the demodulator unit, the conditional access unit, the de-multiplexer unit, and the encoding unit that is programmable by the CPU to route program data between the demodulator unit, the conditional access unit, the de-multiplexer unit, and the encoding unit in order to allow simultaneous viewing of descrambled program data and recording of scrambled program data.

21. (Original) The program viewing unit of Claim 20, wherein the program viewing unit further comprises a re-scrambler and a descrambler which is coupled to the switching unit.

22. (Original) The program viewing unit of Claim 20, wherein the conditional access unit comprises:

a processor unit; and
a de-scrambler unit.

23. (Currently Amended) A method for managing program data, comprising:
transmitting the program data to a switch; and
selecting the switch to transmit the data to at least two ~~one~~ of a de-multiplexing unit, a conditional access unit, and an encoding unit to provide simultaneous viewing at two different display units or to provide simultaneous viewing and recording of the data.

24. (Original) The method of Claim 23 wherein the switch can additionally transmit data to one of a re-scrambler and a descrambler.

25. (Original) The method of Claim 23, wherein the selecting is performed by a central processing unit.

26. (Original) The method of Claim 23, wherein the program data is transmitted from a demodulating unit.

27. (Currently Amended) An apparatus for managing program data, comprising:
means for transmitting the program data to a switch; and
means for selecting the switch to transmit the program data to one of a de-multiplexing unit to facilitate a display of the program data, a conditional access unit to facilitate real-time descrambling of the program data, and an encoding unit to facilitate either display of the descrambled program data or a recording of the descrambled program data.

28. (Currently Amended) A machine-readable medium having stored thereon instructions, which when executed by a processor, causes said processor to perform the following:

transmit program data to a switch; and

select the switch to transmit the program data to both one of a de-multiplexing unit, a conditional access unit, and an encoding unit to allow viewing of de-scrambled program data and recording of scrambled program data concurrently.

29. (New) The apparatus of claim 27, wherein the means for selecting the switch to transmit the program data to the de-multiplexing unit to facilitate a display of the program data when the means for transmitting is the conditional access unit.

30. (New) The apparatus of claim 27, wherein the means for selecting the switch to transmit the program data to the encoding unit to record the descrambled program data when the means for transmitting is the conditional access unit.

31. (New) The program viewing unit of claim 20, wherein the switching unit is further programmable to route the descrambled program data from the conditional access unit to the de-multiplexer unit for display and to the encoding unit for digital recording of the scrambled program data.

32. (New) The machine-readable medium of claim 28, wherein the switching unit is further programmable to route the descrambled program data from the conditional access unit to the de-multiplexer unit for display and to the encoding unit for digital recording of the scrambled program data.